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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/087,286	03/01/2002	Franklin Cerasoli JR.	356A PCT/USC1	5188

7590 01/14/2005

ARIAD Gene Therapeutics, Inc.
26 Landsdowne Street
Cambridge, MA 02139

EXAMINER

WOITACH, JOSEPH T

ART UNIT	PAPER NUMBER
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1632

DATE MAILED: 01/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.



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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
10/087,286	03/01/2002	Cerasoli, F.	

EXAMINER	
Joseph Woitach	
ART UNIT	PAPER NUMBER
1632	01062004

Please find below a communication from the EXAMINER in charge of this application

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 C.F.R. § 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 C.F.R. §§ 1.821-1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures. Applicant must comply with the requirements of the sequence rules (37 CFR 1.821 - 1.825) before the application can be examined under 35 U.S.C. §§ 131 and 132.

Specifically, on page 27 several sequences have not been identified by SEQ ID NOs, and do not appear to be present in the sequence listing.

APPLICANT IS GIVEN **30 days** FROM THE DATE OF THIS LETTER WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 C.F.R. §§ 1.821-1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 C.F.R. § 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 C.F.R. § 1.136. **In no case may an applicant extend the period for response beyond the six month statutory period.** Applicant is requested to return a copy of the attached Notice to Comply with the response. Note that a reply to a notice to comply with the sequence rules should **not** be sent to the 20231 zip code address for the United States Patent and Trademark Office.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph Woitach whose telephone number is (571)272-0739

Joseph T. Woitach

Joe Woitach
1701637

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: _____

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

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SacII |----Gal4(1-147)---->>
 M K L L S S I 2
 5' CGACACCGCGGCCACCATGAAGCTACTGTCTTCTATCG 2°
 Kozak

3' end of PCR amplified product:

<<----Gal4(1-147----) |
 R Q L T V S (SEQ ID NO 2)
 5' GACAGTTGACTGTATCGGTCGACTGTCTG (SEQ ID NO 3) 2
 3' CTGTCAACTGACATAGCCAGCTGACAGC
 SalI

- On page 27, lines 30 - 47, replace the section in the specification with the following;

5' end of PCR amplified product:

SacII |--HNF1(1-281)--->>
 M V S K L S
 5' CGACACCGCGGCCACCATGGTTTCTAAGCTGAGC 2
 Kozak

3' end of PCR amplified product:

<<-----HNF1 (1-282) -----|
 A F R H K L (SEQ ID NO 4)
 5' CCTTCCGGCACAAGTTGGTCGACTGTCTG (SEQ ID NO 5)
 3' GGAAGGCCGTGTTCAACCAGCTGACAGC
 SalI

- On page 28, lines 11 - 19, replace the section in the specification with the following;

Insertion of generic start site

Kozak
 M L E
 5' GGCCACCATGC (SEQ ID NO 6)